# Applicant’s Interview Notes Form

## Interview Details

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| Company Name: | Clarusway LLC. | Date: | Enter date | Time: | Enter time |

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| Interviewer Name: | Kellen P Kapper |

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| Interviewer Title: | Senior DevOps Engineer | Interviewer Phone Number: | 330-604-0625 |

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| Position Applied For: | Intermediate DevOps Role |
| Required Skills: | Kubernetes, AWS, GCP, Docker, Jenkins/CICD, Provisioning Software, Monitoring |

## Questions to Ask Candidate

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| Question #1: | The application we maintain could at best be considered “Monolithic”. We have interest in moving to the cloud, but we don’t really know how, if hired, what would you do to get us there? What would be our first steps? |
| Notes: | Enter notes |

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| Question #2: | For a while we have been looking to expand our test coverage and automate it if possible, what would you suggest for implementing or addressing this challenge? |
| Notes: | Enter notes |

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| Question #3: | We have been looking into Docker Swarm and Kubernetes as possible options to help keep our infrastructure up to par with the modern standards. What can you tell me about these tools, which do you suggest we use, which one do you prefer working with? |
| Notes: | Enter notes |

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| Question #4: | Every time we end up having to provision a new machine, it takes a whole day, and only a few select developers can set them up. Can you help us simplify provisioning tools? If so, how? |
| Notes: | Enter notes |

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| Question #5: | We would like to be able to check on the health and performance of the machines in our infrastructure, what kind of tools would we use to accomplish this? Do you have a favorite among these? Perhaps a tool you have worked with more than others? |
| Notes: | Enter notes |

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| Question #6: | Our database backup process takes a long time, and the database crawls to a halt when it is running. We want to be able to offer uninterrupted service at all hours of the day. What could you do to help us get this database backup problem under control? |
| Notes: | Enter notes |

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| Question #7: | We are interested in the idea of running applications with Docker, but we have some concerns. We do know that containers are not durable, and we are worried about losing data. If our application can run in a container, could a database too? How would backups work if we ran our database in a container? |
| Notes: | Enter notes |

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| Question #8: | Suppose we decided to go with containers. How would our developers deploy their code? What is the procedure for making changes to our application and updating the containers? Could you set up a local environment for the developers that would mirror the production environments? How? |
| Notes: | Enter notes |

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| Question #9: | We have a WordPress hosted landing page that contains a contact us form and some information about our products. This page gets a lot of traffic at random times, so we have had to start paying WordPress for bigger hosts that we do not fully utilize when traffic slows down. Since the page is so simple, we really wanted to move it to our own infrastructure or somehow to the cloud. How could we make that happen as cheaply as possible without compromising performance? |
| Notes: | Enter notes |

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| Question #10: | In order to pass a certification audit, we need to demonstrate that we can move our entire infrastructure and data to another datacenter within 24 hours in the event of a catastrophe. We are a long way off from where we are now, we still have to provision all the machines manually, we would expect it to take a whole week or more to recover from this scenario. What kind of goals we would need to accomplish on this journey? Mayne select three milestones. |
| Notes: | Enter notes |

## Additional Notes

Enter Additional Notes.